araid® 3000

A non-Stop SATA II RAID 1 Controller

since 1998

- No Driver or Add-on Card required
- Host Interface: SATA II (3.0Gbps)
- Hard Disk Interface: SATA II (3.0Gbps)
- Disk Hot Swap and Auto-Rebuild
- RAID Level: RAID 1(default) or RAID 0

Advanced ONE-STEP installation & operation

The ARAID 3000 is non-stop and disk hot-swappable disk array subsystems for mission critical servers and personal computers with state-of-the-art real-time data backup and off-line data backup subsystems.

This disk array contents high speed ASIC & CPU, RAM & ROM. ARAID operates in a multi-user and multi-task environment with near-zero overhead ensuring RAID 1 data integrity by writing data to two hard disks concurrently. Should any hard disk fail, there is always a real-time backup on the other survival drive. ARAID enables user to replace the failed hard disk while PC is operating and rebuilds all contents to a new hard disk automatically, no manually setup is required.

When ARAID 3000 set as Raid 0 mode, hard disk capacity may multiply to approximately 4Tera Byte.

The New Generation of Computer Investment of the 21st century

- Two hard disks work concurrently. When one disk fails, you always have a 100% data backup on the other healthy drive.
- Installation and disk replacement takes minimal time. System has zero down time because PC keeps working while replacing a new hard disk. Business never down due to a fail drive.
- Grandfather-Father-Son Periodical off-line backup method makes virus removal or recovery easy and quick.
- When PC fails, shortest system restore time guarantee. External ARAID T3000 model takes only a few seconds to switch to another computer.
- ARAID is the fastest, most reliable and cost effective RAID storage and performance solution for daily computer operation.

YEAR 2009 BEST

A failed hard disk can never let you down again.

ARAID 3000 A Durable 24x7 Disk Array Controller

Functions

Araid 3000 is a real-time backup, fault tolerant storage subsystem with online disk hot-swap capability (RAID 1). Support standard SATA II Host Interface and Hard Disk. Built-in with LCD display, LED indicator, Human Interface Processor and 6cm powerful fan inside. ARAID 3000 requires no device driver or interface card to install and only standard SATA cable & power are needed. Unique design enables users to install hard disk and operate ARAID in just one single step, no other setting is required. PC keeps working while replacing a new hard disk and new hard disk rebuilding status displays in the LCD panel.

Local management

Monitor software,(Administrator can view real-time FAN & temperature stats,disk array situation,receive alert notification.)

RAID Management

(Optional) Araid SNMP Agent provides proprietary ARAID MIBs, MIB II and Traps for 3000. It gives 3000 ability to be managed by popular Network Management Software, such as OpenView, NetView.

Local management:
provide windows and Linux (optional purchase) version of AraidEye.

SNMP Network management:
Araid SNMP Agent for Windows or Linux for enterprises.

ARAID 3000 SPECIFICATIONS

RAID Mode	RAID 1 (Disk Mirror) or RAID 0 (Disk Stripe)
PC Host Interface	SATA II (3Gbps), SATA I & IDE supported.
Hard disk Interface	SATA II, 3 Gbps
O.S. Supported	Vista, Windows XP, 2000, Server2003, Linux, Mac, Solaris
Front Panel LCD	Displays status of disks, including Fan & Temperature status.
Buzzer	Alerts warning events, such as disk failure, fan failure or over heating.
LED indicator	Yes, shows hard disk READ or WRITE status.
Hard disk fail alert	LCD, LED, Buzzer, Email and SNMP Trap notifications.
Requires No Driver/Addon Card	Yes.
Failed HDD Hot-Swap & New HDD Auto-Rebuild	Yes, allows user to replace hard disk while PC is operating.
Mirror on Demand switch	Manual Disk Rebuild function. Standby hard disk provide anti-virus and file mishandling recovery capability.
Built-in Powerful Fan	Yes, Powerful 6 cm Fan. Good for 7200 rpm HDD.
Space Required	Two free 5.25" drive bays.
Connectors	SATA x 1(to host PC),+5V,+12V from power supply. IDEx1. Fan connector RS-232 and USB to RS232.
Local Management	ARAIDEye Utility for Windows, LINUX.
SNMP Management	SNMP Driver, ARAID MIB, MIB II supported.
Dimension	175mm(D)x146mm(W)x86mm(H).
Weight (exclude hard disk)	1.21kg
Application	Good for Commercial PC, IPC, Surveillance NDVR, ATM, Computer Telephony, Workstations, Light Duty Servers.

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